No.



200000226

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Monsanto Company

CICHY, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREPORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC PLENSHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE T TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR ING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE REPOSE, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT THE PLANT VARIETY PROTECTION ACT. IN THE UNITED STATES SEED OF THIS VARIETY (1) D BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE SHAL NUMBE ERATIONS SPECIFIED BY THE OWNER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEO.

WHEAT, COMMON

'Norpro'

In Testimony Morrest, I have hereunto set my hand and caused the seal of the Minni Barista Protection Office to be affixed at the City of Washington, D.C. this eighth day of May, in the year of our Lord two thousand one.

		Local Ki	eproduction of POKIM - OIMB NO. 0381-003
U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE	N APPYOR	The following statements are made in accordant 1974 (5 U.S.C. 552a)	nce with the privacy Act of
SCIENCE DIVISION - PLANT VARIETY PROTECTIO APPLICATION FOR PLANT VARIETY PROTECTION	ON CERTIFICATE	Application is required in order to determine is certificate is to be issued (7 U.S.C. 2421) Info.	• • •
(Instructions and information collection burden statement 1. NAME OF APPLICANT(S) (as it is to appear on the Certificate)	on reverse)	until certificate is issued (7 U.S.C. 2426).	I
1. NAME OF APPLICANT(S) (as it is to appear on the Certificate)		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME
Monsanto Company		N93-0119	NORPRO
4. ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code)		5. TELEPHONE (include area code)	FOR OFFICIAL USE ONLY
Wichita Wheat Technology Center			PARONICOMO III O 12 PA
5912 N. Meridian Street Wichita, Kansas 67204-1699		316-755-7705	
Wichita, Kansas 0/204-1099		6. FAX (include area code)	r DATE
		6. FAX (metalie in en code)	P DATE
		316-755-0072	April 27, 2000
7. GENUS AND SPECIES NAME	8. FAMILY NAME (Bot		G RILING AND EXAMINATION FEE:
		•	P
Triticum aestivum	Gramineae		‡ 4-24-2 00 5
9. CROP KIND NAME (common name)			S DATE
Hard Red Spring Wheat		•	1 750.00 c
10. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF ORG	ANIZATION (corporation, p	artnership, association,etc.) (common name)	E CERTIFICATION FEE
Corporation			11320°°
11. IF INCORPORATED, GIVE STATE OF INCORPORATION		12. DATE OF INCORPORATION	P DATE
Delaware		1933	1 4-30-01
13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, DT. Blaine Johnson Randy Rich		Mr. Robert Bruns	14. TELEPHONE (include area code) 316-755-7705
•	AND	806 N. Second Street	15 PAY (CLAIR COLOR)
Wichita, Kansas 67204-1699		PO Box 30 Berthoud, Colorado 80513	15. FAX (include area code)
en e		970-532-9952	316-755-0072
CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (6) X Exhibit A. Origin and Breeding History of the Varie		**************************************	\$
b. X Exhibit B. Statement of Distinctness	aiy .		
c. X Exhibit C. Objective Description of the Variety			
d X Exhibit D. Additional Description of the Variety			
e. X Exhibit E. Statement of the Basis of the Applicant's	Ownership		•
f. X Voucher Sample (2,500 viable untreated seeds, or, for tuber	•	s that tissue culture will be deposited and maintained in a n	public repository)
g. X Filing and Examination Fee (\$2,450), made payable	•	•	•
17. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE SO	LD BY VARIETY NAME O	INLY, AS A CLASS OF CERTIFIED SEED? (See Sec	tion 83(a) of the Plant Variety Protection Act)
X YES (if "yes", answer items 18 and 19 below)		NO (if 'no", go to item 20)	
18. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE LE	MITED AS TO NUMBER OF	19. IF 'YES' TO ITEM 18, WHICH CLASSES OF I	PRODUCTION BEYOND BREEDERS SEED?
GENERATIONS? X YES	NO	X FOUNDATION X REGISTER	ED X CERTIFIED
20. HAS THE VARIETY OR A HYBRID PRODUCED FROM THE VARIETY B.	EEN RELEASED, USED, OF	FFERED FOR SALE, OR MARKETED IN THE U.S.	OR OTHER COUNTRIES?
YES (iF "YES", give names of countries and dates)	X	NO	
21. The applicant(s) declare that a viable sample of basic seed of the variety will be applicable, or for a tuber propagated variety a tissue culture will be deposited in			rith such regulations as may be
The undersigned applicant(s) is(are) the owner(s) of this sexually reproduced or			le as required in
Section 41, and is entitled to protection under the provisions of Section 42 of the	11.1		
Applicant(s) is(are) informed that false representation herein can jeopardize prote	ection and result in penalties.		
SIGNATURE OF APPLICANT (Owner(s))		SIGNATURE OF APPLICANT (Owner	s))
Blametahnson	:	·	3
NAME (Please print or type)		NAME (Please print or type)	
Dr. Blaine Johnson			

DATE I Feli 2400

CAPACITY OR TITLE

CAPACITY OR TITLE

Program Director

DATE

Exhibit A. Origin and Breeding History of Norpro

Norpro originated from the cross "N88-0436/Dalen" which was made in Berthoud, Colorado during the fall crossing session of 1988. N88-0436 was an Agripro experimental spring wheat which had the pedigree "Norseman/2369". Single heads were selected from the F2 population of this cross at Berthoud during the 1990 season. Selections were based on height and leaf rust resistance. Single seed descent was used to advance these selections through the F3 and F4 generations in the Berthoud greenhouse during the fall and winter of 1990-91. F5 headrows of these selections were planted at Casselton, North Dakota in 1992 where they were further screened for height, straw strength, foliar diseases, leaf rust and stem rust. Selected F5 headrows were individually bulk harvested. F6 increase plots were grown at Berthoud, Colorado and observation plots were grown at Casselton, North Dakota and Grand Forks, Minnesota in 1993. These lines were further screened on the previously mentioned traits as well as uniformity. The experimental designation of N93-0119 was assigned to one of these lines for yield evaluation which began in 1993. N93-0119 was tested in AgriPro nurseries in the Red River Valley of North Dakota and Minnesota from 1993 to 1997. It has been tested in the Northern Uniform Regional Nursery in 1997 and 1998.

In 1995, 80 headrows were grown in Berthoud, Colorado. Seventy-four headrows with uniform appearance were harvested and planted as a 0.2 acre initial Breeders Seed increase in 1996. In 1997, a one acre Breeders Seed increase was grown in Berthoud, Colorado that produced 10,500 pounds of seed.

Norpro has been uniform and stable since 1995. About 0.8% of the plants were rogued from the initial Breeder's Seed increase in 1996. Approximately 90% of the rogued variant plants were taller height wheat plants (5 to 15 cm). Up to 1.0% variant plants may be encountered in subsequent generations.

Exhibit B. Statement of Distinctness

Norpro is most similar to the hard red spring wheat 'Hamer'. However, it can be easily distinguished by the following morphological characteristics:

- Norpro has a square shoulder on the glume (Berthoud, Colorado 1997, 1998 and 1999). Hamer has an oblique shoulder on the glume, (Berthoud, Colorado 1997, 1998 and 1999).
- Norpro has angular seed cheeks (Berthoud, Colorado 1997, 1998 and 1999). Hamer has rounded seed cheeks (Berthoud, Colorado 1997, 1998 and 1999).
- Norpro has a wide glume width (Berthoud, Colorado 1997, 1998 and 1999). Hamer has a medium glume width (Berthoud, Colorado 1997, 1998 and 1999).

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE DIVISION

EXHIBIT C (Wheat)

BELTSVILLE, MARYLAND 20705

OBJECTIVE DESCRIPTION OF VARIETY
WHEAT (Triticum Spd.)

WHEAT	(Triticum Spp.)		
NAME OF APPLICANT(S)		FOR OFFICIA	L USE ONLY
Monsauto Company]	PVPO NUMBER 20 (0000226
ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Coo 5912 N. Meridian Street Wichita, Kansas 67204-1699		NAME OR EXPERIME DESIGNATION NORPRO	ENTAL
Place the appropriate number that describes the varietal character of this variety Place a zero in the first box when number is either 99 or less or 9 or less respect minimum of 100 plants. Comparative data should be determined from varieties standard may be used to determine plant colors; designate system used. Please answer all questions for your variety; lack of response may delay progress.	ively. Data for quantitative plant chara s entered in the same trial. Royal Horti	acters should be based cultural Society or any	on a recognized
1. KIND:			•
1 l=Common 2=Durum 3=Club 4=Othe	(specify)		· .
2. VERNALIZATION:			
1 1=Spring 2=Winter 3=Other (specify)			<u> </u>
3. COLEOPTILE ANTHOCYANIN:			
1 l=Absent 2=Present			
4. JUVENILE PLANT GROWTH:			
3 1=Prostrate 2=Semi-erect 3=Erect			
5. PLANT COLOR (boot stage):			
3 1 = Yellow-Green 2 = Green 3 = Blue-Green			
6. FLAG LEAF (boot stage):			
2 1 = Erect 2 = Recurved	•		•
2 1 = Not Twisted 2 = Twisted			
7. EAR EMERGENCE:			
0 2 Number of Days Earlier Than	Verde		*
0 0 Number of Days Later Than			*
8. ANTHER COLOR:			
1 ! = YELLOW 2 = PURPLE			
9. PLANT HEIGHT (from soil to top of head, excluding awns):			
0 0 cm Taller Than			*
0 2 cm Shorter Than	Verde		*

Relative to a PVPO-Apprved Commercial Variety Grown in the Same Trial

	7 8		· · · · · · · · · · · · · · · · · · ·
10. ST	EM: ANTHOCYANIN		
1	I= Absent 2=Present		
В.	WAXY BLOOM		
2	l=Absent 2=Present		•
C.	HAIRINESS (last internode of rachis)		
2	1=Absent 2=Present		•
D.	INTERNODE (specify number)		
1	1=Hollow 2=Semi-solid 3=Solid	·	-
E.	PEDUNCLE		
1	I=Erect 2=Recurved		
1 8	cm Length		
	AD (at Maturity):		
	DENSITY		
2	1=Lax 2=Middense 3= Dense		
	SHAPE	40.5	
2	1 = Tapering 2= Strap 3 = Clavate 4 = Other (s	pecify)	
	CURVATURE		
2	1 = Erect 2 = Inclined 3 = Recurved		
	AWNEDNESS		
4	1 = Awnless 2 = Apically Awnletted 3 = Awnletted	4 = Awned	
	UMES (at Maturity): COLOR		
1	1 = White $2 = Tan$ $3 = Other (specify)$		
В.	SHOULDER		*.
4	1 = Wanting $2 = Oblique$ $3 = Rounded$ $4 = Squ$	are 5 = Elevated 6 = Apiculate	
C.	BEAK	·	
3	1 = Obtuse $2 = Acute$ $3 = Acuminate$		
— _{D.}	LENGTH		
2	1 = Short (ca. 7mm) 2 = Medium (ca. 8mm) 3 = Long	g (ca. 9mm)	
. E.	WIDTH	,	
3	1 = Narrow (ca. 3mm) 2 = Medium (ca. 3.5mm) 3 = Wide	e (ca. 4mm)	
13. SEI			· .
I	SHAPE		
	1 = Ovate 2 = Oval 3 = Elliptical		
2 B.	CHEEK		
	1=Rounded 2=Angular		•
2 C.	BRUSH		
=	1=Short 2=Medium 3=Long		
1	1 = Not Collared 2 = Collared		
	CREASE		÷.
2	1 = Width 60% or less of Kernel	1 = Depth 20% or less of Kernel	
	2 = Width 80% or less of Kernel 3 = Width Nearly as Wide as Kernel	2 = Depth 35% or less of Kernel 3 = Depth 50% or less of Kernel	
		= = opinio o / o o / roo of frontior	

	EED: (continued) COLOR	
3	1 = White $2 = Amber$ $3 = Red$	4 = Other (specify)
F	. TEXTURE	
	l=Hard 2=Soft	
	A. PHENOL REACTION (see instructions):	
0	1 = Ivory 2 = Fawn 3 = Light Brow	wn 4 = Dark Brown 5 = Black
	ISEASE: (0=Not Tested; 1=Susceptible; EINDICATE THE SPECIFIC RACE OR STRAIN TESTED	2=Resistant; 3=Intermediate; 4=Tolerant)
3	Stem Rust (Puccinia graminis f. sp. tritici) Field races	Leaf Rust (Puccinia recondita f. sp. tritici) Field races
0	Stripe Rust (Puccinia striiformis)	0 Loose Smut (Ustilago tritici)
0	Tan Spot (Pyrenophora tritici-repentis)	Plag Smut (Urocystis agropyri)
0	Halo Spot (Selenophoma donacis)	Common Bunt (Tilletia tritici or T. laevis)
0	Septoria nodorum (Glume Blotch)	Dwarf Bunt (Tilletia controversa)
0	Septoria avenae (Speckled Leaf Disease)	Karnal Bunt (Tilletia indica)
0	Septoria tritici (Speckled Leaf Blotch) Field races	Powdery Mildew (Erysiphe graminis f. sp. tritici) Field races
0	Scab (Fusarium spp.)	O Snow Molds
0	Black Point (Kernel Smudge)	Common Root Rot (Fusarium, Cochliobolus and Bipolaris spp.)
0	Barley Yellow Dwarf Virus (BYDV)	Rhizoctonia Root Rot (Rhizoctonia solani)
0	Soilborne Mosaic Virus (SBMV) Field races	Black Chaff (Xanthomonas campestris pv. translucens)
0	Wheat Yellow (Spindle Streak) Mosaic Virus Field races	Bacterial Leaf Blight (Pseudomonas syringae pv. syringae)
0	Wheat Streak Mosaic Virus (WSMV) Field races	Other (specify)
	Other (specify)	Other (specify)
	Other (specify)	Other (specify)
	Other (specify)	Other (specify)

Exhibit D. Additional Description of Norpro

Norpro is a hard red spring wheat bred and developed by Agripro Wheat, Norpro is an intermediate semidwarf with medium early maturity, high test weight and very good straw strength. Norpro offers intermediate protection to the prevalent races of leaf rust and stem rust. Norpro has medium high protein and satisfactory milling and baking characteristics.

Juvenile growth habit is erect. Seedling anthocyanin is present. Plant color at boot stage is blue green. Auricle anthocyanin and auricle hairs are present. Flag leaf at boot stage is recurved and twisted. Waxy bloom is present on the head, stem and flag leaf sheath. Anther color is yellow. Head shape is strap and awned. Glumes are glabrous, wide in width and medium in length with square shoulders and acuminate beaks. Seed shape is ovate. Brush hairs are medium in length and medium in area. Seed crease depth is midwide and width is middeep. Seed cheeks are angular.

Norpro is well adapted to the spring wheat region that includes the states of Minnesota, North Dakota, South Dakota and Montana.

AGRIPRO WHEAT	QUALITY SUMMARY

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Bak	Wix E			i	3.5 J	3.00	3.00	3.25	2.25	3.00	3.25	2.50	2.97		5.25	3.50	3.75	3.75	3.50	3.75	3.25	5.00	3.97		4.00	3.50	3.00	2.75	3.00	3.75	3.75	3.25	3.38
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	Bake	iosar %	1.	_	04.0	65.0	64.0	0.99	68.0	65.0	68.0	65.0	65.6		63.0	65.0	62.0	65.0	67.0	65.0	68.0	65.0	65.0	· 	65.0	66.0	63.0	0.79	69.0	0.79	68.0	67.0	66.5
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	Peak										5.00				4.5	5.0	5.0	5.3	5.0	5.3	5.00	4.5	4.9		5.0	5.0	5.0	5.5	5.8	5.8	5.00	200	5.2
Mixo	Peak Time	ı.E		3.50	000		3,00	3.25	2.75	3.25	3.25	2.75	3.09		5.25	3.75	3,75	3.50	3.50	3.75	3.25	5.00	3.97		4.00	3.50	3.00	3.25	3.50	3.75	3.75	3.50	3.53
	Ash	%		0.430	0.498	0.130	040	0.412	0.382	0.446			0.451		0.472	0.500	0.564	0.470	0.416	0.440	0.506	0.470	0.480		0.416	0.474	0.518	0.388	0.398	0.442		1	0.439
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Ratings: 1-2=excellent 3-4=Good 5-6=Acceptable 7-8=Questionable 9=Unacceptable

(G)
WHARD RED SPRING WHEAT SUMMARY - 1998
Uniform Regional Data

NORPRO VS. VERDE

į	MEAN	MONTANA	RORIH DAKUTA	MINNESOIA		STATE	NORPRO VS. 2375		MEAN	MONTANA	SOUTH DAKOTA	NORTH DAKOTA	MINNESOTA		STATE		NORPRO VS. KEENE		MEAN	MONTANA	SOUTH DAKOTA	NORTH DAKOTA	MINNESOTA		STATE
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	55.4	61.8	22.0	68.2	NORPRO	YIELD - BU/A			55,4	61.8	47.9	52.0	68.2	NORPRO	YIELD - BU/A			-	55.4	61.8	47.9	52.0	68.2	NORPRO	YIELD - BU/A
0.00	500	4/.Z	47.6	61.4	2375			-	52.7	58.4	46.0	50.0	62.5	KEENE	A				53.3	58.5	47.9	49.9	65.5	VERDE	A
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01.1	57.7	59.7	58.2	56.0	NORPRO	T.WT LBS/BU			57.7	58.7	55.7	58.2	56.0	NORPRO	T.WT LBS/BU				57.7	58.7	55.7	58.2	56.0	NORPRO	r.wt Lbs/bu
8.00	70.9 0	58.1	59.4	57.7	2375	BU			59.6	60.	58.4	60.1	58.4	KEENE	ВU				57.6	57.2	56.6	58.1	57.8	VERDE	/BU
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2.02	26.0	22.0	25.6	21.0	NORPRO	HEADING - DAY		٠	25.2	28.0	22.0	25.6	21.0	NORPRO	HEADING - DAYS			-	25.2	28.0	22.0	25.6	21.0	NORPRO	HEADING - DAY
24.0	2/.0	19.0	25.0	20.0	2375	AYS	•		25.6	28.7	21.0	26.4	22.0	KEENE	AYS				27.0	29.3	23.0	28.0	23.0	VERDE	AYS
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80.2	77.0	76.5	79.2	102.0	NORPRO	HEIGHT - CM			80.2	77.0	76.5	79.2	102.0	NORPRO KEENE	HEIGHT - CM				80.2	77.0	76.5	79.2	102.0	NORPRO VERDE	HEIGHT - C
88.3	85.7	85.0	87.2	108.0	2375	≤			99.3	98.3	99.0	99.2	103.0	KEENE	ĭ				82.4	79.7	79.0	81.4	102.0	VERDE	Š
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All data from Red River Valley Sites in North Dakota and Minnesota 1996-99 OVER YEAR SUMMARY RANKED BY YIELD - AGRIPRO DATA

											5) 1 1	
		ΙΥ	YIELD - BU/A	J/A		WT.	PROT.	HEAD. ³	TH	•		WORTH
VARIETY	96	97	98	99	AVG	LBS/BU	, %	1-9	1-9			1-9
IVAN	83.3	45.9	61.3	58.4	58.5	59.5	13.2	6.1	5.0			30
OXEN	74.5	41.6	61.2	56.7	55.6	57.9	144	2.9	53		5.9	47
NORPRO	72.8	39.7	64.0	54.0	55.0	59.0	14.7	4.5	4.9		ب ادا	٦ 4
HAMER	73.4	39.2	58.9	56.2	53,9	58.7	14.3	4.2	5.1		3.9	4 !
LARS	80.8	42.7	56.3	51.3	53.9	57.4	13.7	5.3	4.0		3.1	3.5
НJ98	80.8	41.6	61.9	44.8	53.6	58.3	14.0	5 0	5)		7) V	<u> </u>
VERDE	72.6	39.2	59.9	53.0	53.3	58.8	13.8	5.7	5.9		4.0	4.2
RUSS	75.2	39.8	59.8	50.0	53.0	58.8	14.2	ຜ	7.0		6.3	4.9
HAGAR	78.2	40.0	58.6	46.5	52.2	58.3	14.6	5.9	5.3		ယ ယ	4.9
FORGE*	76.7	42.1	57.5	43.3	51.5	60.3	14.4	1.9	6.2		5.8	5.5
GUNNER ¹	71.1	41.9	56.0	47.1	51.3	61.3	15.5	6,4	7.3		3.9	4
NORLANDER	75.7	39.6	55.7	44.6	50.4	58.2	14.4	<u>ပ</u> -	4.8		59	4.6
2375	67.8	38.7	51.6	47.3	48.5	59.8	14.4	3.9	6.0		6.4	5.5
AC BARRIE'	76.7	35.4	52.2	43.8	47.9	59.5	15.6	6.1	8.0		5.8	5.8
NORA	67.8	34.7	51.6	42.0	45.9	58.5	15.5	4.5	4.0		6.0	4.7
AC DOMAIN	65.7	33.9	51.0	40.7	44.9	58.9	16.0	4.4	7.4		6.0	5.3
MEAN	74.5	39.8	57.3	48.7	51.8	59.0	14.6	4.6	5.7	3.3	4.9	4.6
NO. OF LOCS.	2	Un	Ú	4	16))1	10	10	ယ		6	13

Gunner and AC Barrie 1999 data estimated

Not tested in 1996, yield data adjusted for averages
 Heading: 1= early; Height: 1 = short; Lodging: 1 = no lodging; Foliar disease: 1 = no disease

LEAF AND STEM RUST DATA - 1998 UNIFORM REGIONAL DATA

BAART*	2375	KEENE	VERDE	NORPRO		VARIETY		
70S	20MS-10S	10R-tMR	20S-10MS	tMR	i	N N	FARGO	
80S	20MS-10S	10R	10R	10R-tMR		Z.	CARR.	LEAF RUST
50S	5MS-5MR	5R	5R	10R	į		LANG.	
20-40S	0	0	0	0	· È		FARGO	STEA
t-20S	0	0	0	0	į		LANGDON	STEM RUST

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE	The following statements are made in 1974 (5 U.S.C. 552a) and the Paperwood	n accordance with the Privacy Act of rk Reduction Act (PRA) of 1995.
EXHIBIT E STATEMENT OF THE BASIS OF OWNERSHIP	Application is required in order to decentificate is to be issued (7 U.S.C. 2- until certificate is issued (7 U.S.C. 2426	421). Information is held confidential
1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION	3. VARIETY NAME
	OR EXPERIMENTAL NUMBER	
Monsanto Company	N93-0119	'NORPRO'
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country)	5. TELEPHONE (include area code)	6. FAX (include area code)
Wichita Wheat Technology Station 5912 N. Meridan Street	316-755-7705	316-755-0072
Wichita, Kansas 67204-1699	7. PVPO NUMBER 200	000226
8. Does the applicant own all rights to the variety? Mark an 'X' in appropri	riate block. If no, please explain.	X YES NO
9. Is the applicant (individual or company) a U.S. national or U.S. based or	ompany?	X YES NO
If no, give name of country		
10. Is the applicant the original owner? YES X	(O If no, please answer one of the	following:
a. If original rights to variety were owned by individual(s), is (are) the o	riginal owner(s) a U.S. national(s)?	
YES I	NO If no, give name of country	
b. If original rights to variety were owned by a company(ies), is(are) the	e original owner(s) a U.S. based compar	y?
X YES	NO If no, give name of country	
11. Additional explanation on ownership (if needed, use reverse for extra s	space):	
*Please see following page.		
etho de la companya d	e=. yn	
PLEASE NOTE:		
Plant variety protection can be afforded only to owners (not licensees) who meet of	one of the following criteria:	
 If the rights to the variety are owned by the original breeder, that person must which affords similar protection to nationals of the U.S. for the same genus and 	be a U.S. national, national of a UPOV mem d species.	ber country, or national of a country
2. If the rights to the variety are owned by the company which employed the orig	inal breeder(s), the company must be U.S. b	pased, owned by nationals of a UPOV

- member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
- 3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definition.

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to compete this information collection is estimated to average 10 minutes per response, including the time for reviewing instructions. searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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STD-470-E (07-97) (Destroy previous editions).

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Exhibit E. Statement of the Basis of Applicant's Ownership

The variety for which Plant Variety Protection is hereby sought was developed by Joe Smith, an employee of Agripro Wheat. By agreement between employees and Agripro Wheat all rights to any invention, discovery, or development made by the employee while employed by Agripro Wheat, were assigned to Agripro Wheat, with no rights of any kind pertaining to 'Norpro' being retained by the employees.

By contractual agreement the variety 'Norpro' was purchased from Agripro Wheat, a business unit of Advanta USA, Inc. in June of 1996 and is currently owned by Monsanto Company.